

ENHANCED ENGLISH ABSTRACT FR2378094

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**Derwent Accession :**

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**Title :**

Biological reagent for diagnosis of specific illnesses having an oxidised gluco-protein antibody on an insoluble support

**Derwent Class :**

B04 S03 S05

**Additional Words :**

GERMAN MEASLES INFLUENZA VIRUS CARRIES DISEASE

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**Nbr of Patents :**

1

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1

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AP: 1975FR-0034627 19751113, 1977FR-0001889 19770124

**Intl Patent Class :**

C12K-001/04; G01N-033/16

**EPO Class Codes :**

G01N-033/543

**Abstract :**

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Biological reagents for the diagnosis of specific illnesses and pathological states, have a specific antibody contg. a glucoprotein on an insoluble support which may be a polymer esp. a latex, a dextran or agar gel, or activated glass, pref. in the form of balls or micro-balls. The support carries a side chain on which is covalently fixed an amine, polyamine, diacid, aminoacid, or an aromatic or aliphatic hydrazine, opt. with an acid function and opt. themselves coupled through-NH<sub>2</sub> to an aliphatic or aromatic amine or hydrazine, an amino acid, and opt. carrying an -SH or -NH<sub>2</sub> gp. and capable of forming a heterocycle in the presence of an aldehyde gp. on the antibody fixed on the support. Reagent has good stability and sensitivity. typically it is used to test for measles, German measles, influenza, cytomegalic virus, Carres disease. The antibody may be a fibrinogen degradation gammaglobulin byproduct, or a hormone esp. human chorionic gonadotrophin.

**Manual Codes :**

CPI: B04-B02B B04-B02D B04-B04A B04-B04C B04-C02 B04-C03 B04-D02

B11-C07A B12-K04

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